

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave. St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004089**Date Inspected:** 16-Sep-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2230**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

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|------------------------------------|------------|-----------|------------|----------------------------------|------------|-----------|------------|
| CWI Name: | NA | | | CWI Present: | Yes | No | |
| Inspected CWI report: | Yes | No | N/A | Rod Oven in Use: | Yes | No | N/A |
| Electrode to specification: | Yes | No | N/A | Weld Procedures Followed: | Yes | No | N/A |
| Qualified Welders: | Yes | No | N/A | Verified Joint Fit-up: | Yes | No | N/A |
| Approved Drawings: | Yes | No | N/A | Approved WPS: | Yes | No | N/A |
| | | | | Delayed / Cancelled: | Yes | No | N/A |

Bridge No: 34-0006**Component:** OBG Fabrication**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector, Mr. Paul Dawson, arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China, for the purpose of monitoring welding and fabrication of the San Francisco / Oakland Bay Bridge (SFOBB) components. The QA Inspector observed the following:

Bay 7

The QA Inspector performed random AWS D1.5 ultrasonic inspections of the following OBG floor beam welds:

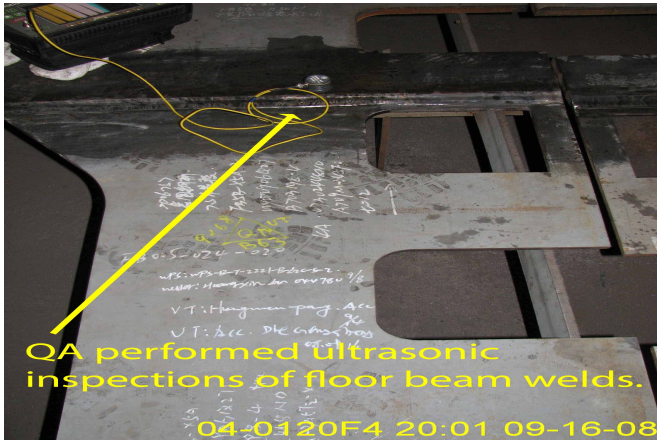
FB016-022-021, FB016-022-062, FB011-010-021, FB011-010-062
 FB011-011-021, FB011-011-062, FB009-019-021, FB009-019-062
 FB009-020-021, FB009-020-062, FB009-015-021, FB009-015-062
 FB009-015-021, FB009-015-062, FB010-013-023, FB010-013-062
 FB010-014-023, FB010-014-062, FB015-024-023, FB015-023-023,
 FB015-023-062, FB016-023-021, FB016-023-062, FB005-026-020
 FB004-018-002, FB004-018-020, FB014-024-002, FB014-024-020
 FB014-025-002, FB014-025-020, FB004-017-002, FB004-017-020
 FB005-027-002, FB005-027-020, FB005-022-002, FB005-022-020
 FB005-023-002, FB005-023-020, FB005-024-002, FB005-024-020
 FB005-025-002, FB005-025-020, FB005-026-002

ZPMC Inspection personnel had previously ultrasonically inspected and accepted these welds. Items observed

WELDING INSPECTION REPORT

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appear to comply with project specifications. See the TL6027 ultrasonic test report for additional information.



Summary of Conversations:

See above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco 13816942685, who represents the Office of Structural Materials for your project.

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| Inspected By: | Dawson,Paul | Quality Assurance Inspector |
| Reviewed By: | Carreon,Albert | QA Reviewer |
